

TECHSPEC® 7mm, Uncoated, High Tolerance N-BK7 Right Angle Prism



N-BK7 High Tolerance Right Angle Prisms

Stock #32-541 **20+ In Stock**

⊖ 1 ⊕ A\$149⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	A\$149.60 each
Qty 6-25	A\$119.20 each
Qty 26-49	A\$112.00 each
Need More?	Request Quote

Product Downloads

General

Right Angle Prism **Type:**

Physical & Mechanical Properties

+0/-0.1 **Dimensional Tolerance (mm):**

Protective as needed **Bevel:**

Length of Hypotenuse (mm):
9.90

Length of Legs (mm):
7.00

Optical Properties

Angle Tolerance (arcsec):
±15

Coating:
Uncoated

Substrate:
N-BK7

Surface Quality:
40-20

Image Orientation:
Left-Handed

Ray Deviation (°):
90

Wavelength Range (nm):
350 - 2200

Power (fringes) @ 632.8nm:
1.25

Irregularity (fringes) @ 632.8nm:
0.25

Regulatory Compliance

RoHS 2015:
Compliant

Reach 219:
Compliant

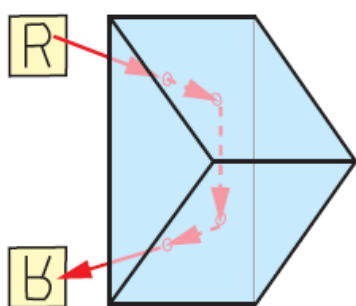
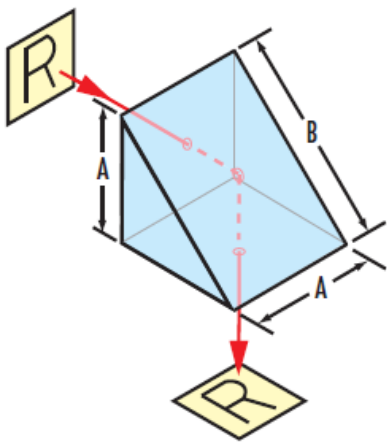
Certificate of Conformance:
[View](#)

Product Details

- Ray Deviation of 90°
- Left Handed Image
- Low Arcsecond Angle Tolerance
- Additional [Right Angle Prism](#) Options Available

TECHSPEC® High Tolerance N-BK7 Right Angle Prisms are generally used to bend image paths or redirect light at 90°. This process produces a left-handed image, depending on the prism's orientation, the image may be inverted or reverted. Right angle prisms can also be combined for image/beam displacement. TECHSPEC® High Tolerance N-BK7 Right Angle Prisms feature low arcsecond angle tolerance and are made from precision N-BK7 for use in a variety of visible light applications. These prisms are available uncoated, with a protective aluminum overcoat, or VIS° & aluminized.

Technical Information





Right Angle Prism Ray Path



Right Angle Prism Ray Path



Right Angle Prism Tunnel Diagram



Right Angle Prism Tunnel Diagram